

ABSTRACT OF THE DISCLOSURE

A fuel cell system includes a hydrogen generator that generates hydrogen by a reforming reaction using a material and water. A fuel cell generates power by electrochemical reaction using the hydrogen and an oxidizing agent. A cooling water circulation portion circulates water for cooling the fuel cell. A water condenser condenses water discharged from the hydrogen generator or the fuel cell and the condensed water is stored in a water storage portion. A water supply portion moves the water from the water storage portion to the hydrogen generator, the fuel cell, or the cooling water circulation portion. A water replenishment portion replenishes water in the water storage portion from the cooling water circulation portion. A controller discards the water from the water storage portion through a discharge port and the water replenishment portion causes the cooling water circulation portion to replenish the water storage portion.